

Greenpoint Pipe Soaking Operation Closure Plan



GREENPOINT ENERGY CENTER

Address: 287 Maspeth Avenue
Borough: Brooklyn
County: Kings
State/Zip: New York, 11211-1788
EPA ID No.: NYD00697895

March 22, 2017

Closure Plan

This Closure Plan is being developed in order to close the Greenpoint Gas Pipe Soaking facility that is located on the Greenpoint Energy Center property. This is for closing the Gas Pipe Soaking Operation portion of the facility only since National Grid will continue to use the remainder of this facility of its' day to day Gas Operations in the vicinity.

Process Description

The Greenpoint Pipe Soaking facility is comprised of two 30 yard containers where the gas pipe is placed into in order to decontaminate the potentially PCBs contaminated gas pipe. Once the pipe is soaked, it is allowed to dry and the pipe is relocated from the soaking container to scrap metal hoppers. The cleaned gas pipe is then sent for scrap metal recovery.

At any time there may be several containers on location storing gas pipe that is waiting to undergo the soaking process.

Gas pipe is collected at various National Grid Operating yards and job sites and brought to Greenpoint for decontamination. There are approximately 18-30 yard containers and 21-3 yard hoppers stored at various locations in our service territory. These containers are inspected monthly and as required the containers are brought to Greenpoint for processing.

All of the containers used for the soaking operation as well as the secondary containment will be inspected, tested and once deemed clean, removed from the site and/or used of other Gas operations.

Wipe Sampling

All of these containers will be tested via wipe sampling and any that are found to be above 10 ug/100 cm² (50 ppm) will be triple rinsed and decontaminated. For the purpose of this plan, we will assume that all containers and hoppers will require decontamination.

Decontamination

All containers will be brought to the Greenpoint Gas Pipe Soaking Facility and will be set within temporary secondary containment. These containers will be triple rinsed and the rinseate will be collected, tested and disposed as appropriate of after all containers have been cleaned.

All plastic gas pipe, contaminated debris and personal protective equipment (PPE) will be containerized and disposed of as PCB Contaminated Hazardous Waste.

Projected Maximum Inventory of Hazardous Waste at Time of Closure

Type of Hazardous Waste	Projected Inventory
<i>PCB Solids</i>	
-such as debris in bottom of soaking containers, plastic gas pipe and PCB contaminated PPE.	93 x 30 gallon drums
<i>Rinse Water from decontaminating containers and hoppers</i>	29,450 gallons non-hazardous liquid
18-30 yard Containers and 21-3 yard Hoppers to be tested and/or cleaned.	

This Closure is for the Greenpoint Pipe Soaking Facility ONLY. Gas Operations will remain operational at this facility and storage of Hazardous Waste will continue.

CLOSURE COSTS

30-DAY HOPPERS

Hopper Capacities:

Capacity @ 606-gallon/container (est. 21 containers).....12,726-gallons

The 180-day containers will be triple rinsed and then wiped dry with absorbent rags.

LABOR

- Supervisor, two (2) Haz-Mat Technicians @ \$1,584.00/day (est. 2 days).....\$3,168.00

EQUIPMENT

- High Pressure Hot Water Washer @ \$485.00/day (est. 2 days).....\$970.00
- Roll off truck @ \$504.00/day (est. 2 days).....\$1,008.00
- Containment @ \$150.00/day (est. 2 days).....\$300.00

MATERIALS

- 30-gallon fiber drums @ 42.00/drum (est. 21 drums)\$882.00
- 3,820-gallons of Enviro Clean (382 gallons mixed 10%).....\$10,314.06
- Box of Absorbent Rags @ \$95.00/box (est. 21 boxes).....\$1,995.00
- Three (3) sets of Level D PPE @ \$75.00/day (est. 2 days)\$150.00

SAMPLING

- Five (5) PCB wipe samples @ \$375.00/hopper (est. 21 containers)\$7,875.00

DISPOSAL

- 3,820-gallons of Non-Haz Liquids\$1,910.00
- Twenty-One (21) 30-gallon Fiber Non-Haz Drums\$918.75

TOTAL ESTIMATED COST\$29,340.75

We are assuming (conservatively) that we can clean twelve (12) 30-day hoppers per day

CLOSURE COSTS

180-DAY CONTAINERS

Capacity @ 4,040-gallon/container (est. 18 containers).....72,720-gallons

The 180-day containers will be triple rinsed and then wiped dry with absorbent rags.

LABOR

- Supervisor, two (2) Haz-Mat Technicians @ \$1,584.00/day (est. 6 days).....\$9,504.00

EQUIPMENT

- High Pressure Hot Water Washer @ \$485.00/day (est. 6 days).....\$2,910.00
- Roll off truck @ \$504.00/day (est. 6 days).....\$3,024.00
- Containment @ \$150.00/day (est. 6 days).....\$3,024.00

MATERIALS

- 30-gallon fiber drums @ 42.00/drum (est. 72 drums)\$3,024.00
- 21,810-gallons of Enviro Clean (2,181 gallons mixed 10%).....\$58,887.00
- Box of Absorbent Rags @ \$95.00/box (est. 18 boxes).....\$1,710.00
- Three (3) sets of Level D PPE @ \$75.00/day (est. 6 days)\$450.00

SAMPLING

- Five (5) PCB wipe samples @ \$375.00/container (est. 18 containers)\$6,750.00

DISPOSAL

- 21,810-gallons of Non-Haz Liquids\$10,905.00
- Seventy-Two (72) 30-gallon Fiber Non-Haz Drums\$3,150.00

TOTAL COST TO CLEAN THE SOAKING CONTAINER\$103,338.00

We are assuming (conservatively) that we can clean three (3) 180-day containers per day

TOTAL CLOSURE COST\$132,678.75

MARCH 2017